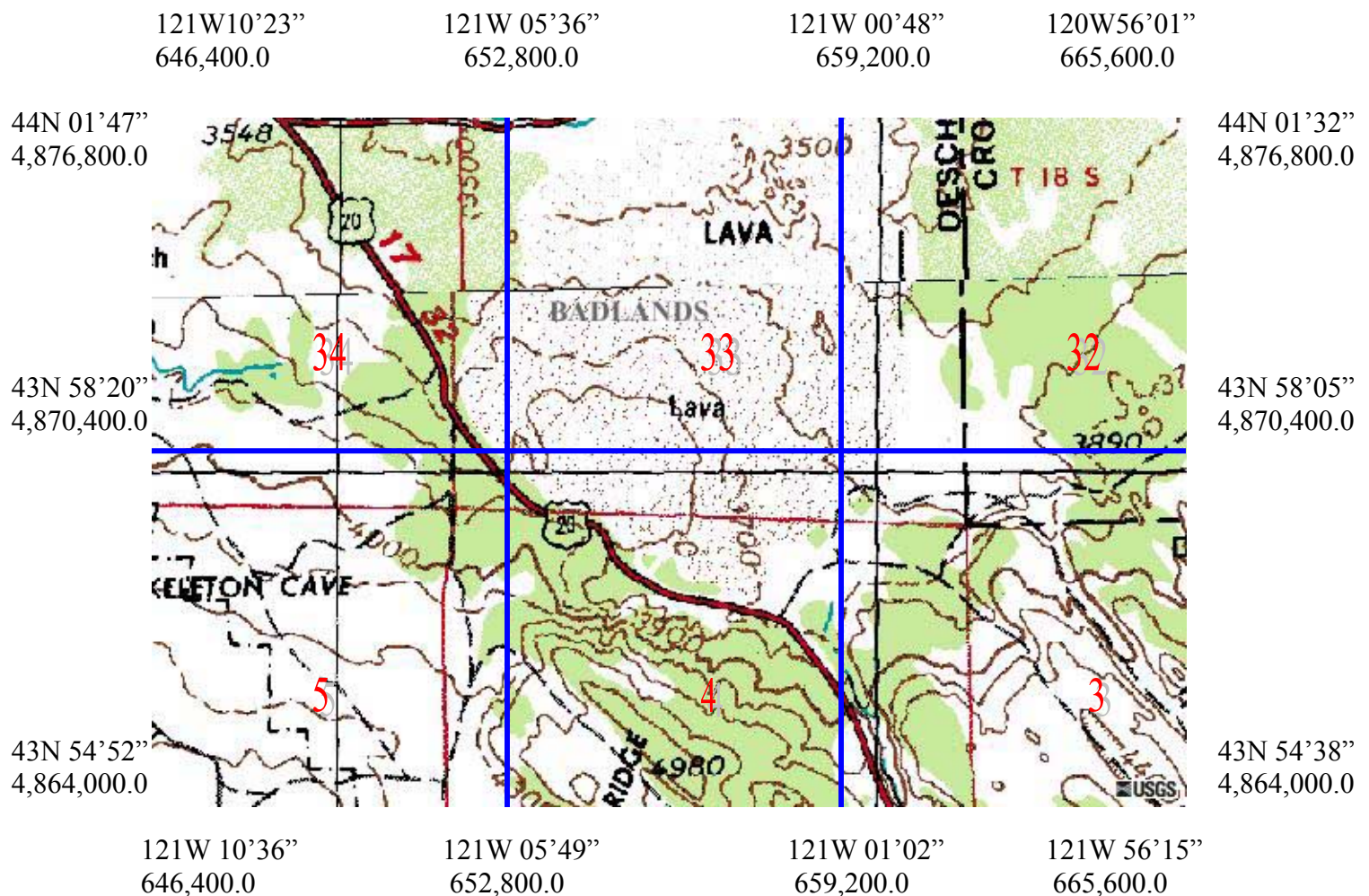


Badlands Wilderness Study Area

~25 Km E. of Bend, Oregon



Township, Range, Section –

In the upper right hand corner of the map you can see the designation “T18S” for Township 18 South. Each township has 36 sections, each section is one mile square. The **red lines** on the map indicate the borders between the mile wide sections, and the horizontal line in this example is the line separating T18S and T19S below it. The range is not shown on this small example but the margin of the map would show it is R14E. The section numbers are always in red.

Latitude & Longitude –

The map above is divided into six squares by the **blue lines**. At each point along the border of the map, where a blue line touches the edge, are two sets of numbers. The first set is the latitude and longitude designations, for example, the bottom left corner of the map would be designated as 43N 54'52" 121W 10'36", or in other words, nearly 44 degrees of latitude north of the equator and just over 121 degrees of longitude west of the Prime Meridian.

Universal Transverse Mercator (UTM) –

The blue lines also indicate the UTM lines, and the second set of numbers along the map edge is the UTM coordinates. For the same bottom left corner of the map, the UTM coordinate is read as 646,400.0 m E x 4,864,000.0m N., Zone 10, or in other words, the point on the ground is 646,400 meters east of the Zone 10 line (which lies off the coast of Oregon) and 4,864,000 meters north of the equator.